

Hazardous Materials Emergency Preparedness (HMEP) Grant Program

Swapan K Saha, PhD

Kansas Division of Emergency Management

(785) 274-1419

swapan.k.saha.nfg@mail.mil



"Building sustainable capabilities across all phases of Emergency Management in Kansas through selfless service"

Overview

- HMEP Grant program is funded by fees collected from shippers and carriers of hazardous materials
- Funds Distribution: USDOT > KDEM > LEPC (County)
- Allocation: Formula set by USDOT PHMSA
- Cost Share: 20:80 ($20/80 = 0.25 = 25\%$), can be cash or in-kind, or a combination of both
- Grant program prioritizes efforts that lead to increased effectiveness in safely and efficiently handling hazmat transportation related accidents and incidents.
- Goal is to protect people and the environment from the risks of hazardous materials transportation and to reduce the consequences after a pipeline or hazmat failure has occurred.



"Building sustainable capabilities across all phases of Emergency Management in Kansas through selfless service"

Regulations, Statutes, and Policies

- 49 USC § 5116 – Program Authorization
- 49 CFR § 110 – Allowable activities
- NFPA 472 – Training Standards
- 2 CFR Part 200 – Uniform Administrative Regulations governing fiscal standards and policies to be followed
- 29 CFR § 1910.120 – Training standards



"Building sustainable capabilities across all phases of Emergency Management in Kansas through selfless service"



FAST Act: Changes to HMEP Grant

- Three year grant cycle beginning FFY16 (9/30/16 – 9/30/19)
- Combined Planning and Training Grants, no more separation of planning and training in terms of budget
- 75% pass through requirement has been removed; however, at least 75% of the funds must be for programmatic activities, this includes:
 - Developing, improving, and implementing emergency plans
 - Conducting commodity flow studies
 - Conducting exercises
 - Training public sector employees
- Added requirement that recipient agrees to have an auditable accounting system



"Building sustainable capabilities across all phases of Emergency Management in Kansas through selfless service"



FAST Act: Changes to HMEP Grant...

- Updated grant allocation formula, out-year funding is pre-determined
- Continuation of funding in year 2 and 3, same grant ID
- Grantees with unspent funds from year-1 may see an offset of funds in year-3
- Unspent funds from year-2 are carried over to year-3 unless lack of progress is identified
- Supplemental funding is available from offset pool, competitive



"Building sustainable capabilities across all phases of Emergency Management in Kansas through selfless service"

General Guidelines

- To be allowable, expenditures and activity costs must be eligible, reasonable, necessary, and allocable to the approved project in accordance with 2CFR200
- A 20% match is required of the Planning and Training (direct and indirect) costs of all activities covered under the grant award program with non-Federal funds
- Match could be cash (hard-match), in-kind (soft-match) contributions, or combination of both
- Match cannot be used to match another grant program



"Building sustainable capabilities across all phases of Emergency Management in Kansas through selfless service"



Purpose of HMEP Grant (49 USC 5116)

To advance PHMSA's mission, HMEP grants are used to:

- Develop, improve, and implement emergency plans
- Train public sector hazardous materials emergency response employees to respond to accidents and incidents involving hazardous materials in transportation
- Determine flow patterns of hazardous materials within a state and between states
- Determine the need within a state for regional hazardous materials emergency response teams
- Other purposes deemed appropriate by the Secretary of the US Department of Transportation



"Building sustainable capabilities across all phases of Emergency Management in Kansas through selfless service"

Eligible Planning Activity - Examples

- Developing, improving, and implementing emergency plans required under the EPCRA
- Workshops, drills, and exercises associated with hazmat emergency plans
- Risk assessments to enhance plans
- Capability assessments to respond to a hazmat emergency
- Gap analysis to enhance planning objectives
- Determining commodity flow transportation patterns of hazmat and developing and maintaining a system to keep such information current
- Improving interagency interoperability to better respond to and mitigate hazmat incidents
- Providing technical staff to support planning efforts



"Building sustainable capabilities across all phases of Emergency Management in Kansas through selfless service"

Eligible Training Activity – Examples



- NFPA 472 Hazmat Awareness
- NFPA 472 Hazmat Operations
- NFPA 472 Hazmat Technician
- NFPA 472 Hazmat Incident Commander
- NFPA 472 Hazmat Officer
- NFPA 472 Hazmat Safety Officer
- Tank Car/Cargo Tank/Intermodal Tank/Marine Tank/Non-Tank Vessel Specialty
- Radioactive Material Specialty
- Flammable Liquid Bulk Storage/Flammable Gas Bulk Storage



"Building sustainable capabilities across all phases of Emergency Management in Kansas through selfless service"

Eligible Training Activities - Examples

- Industrial Fire Fighting Training
- Confined Space Rescue
- Hazmat Basic Life Support/Advance Life Support
- Chemistry for Emergency Responders
- Ammonia/Chlorine/Ethanol/LP Gas Response Emergencies Response
- Alternative fuels used in transportation
- Pipeline Training
- Hazmat IQ Training
- Hazmat Decontamination Drug Lab Training

*** (All training activities must relate to hazmat transportation)**



"Building sustainable capabilities across all phases of Emergency Management in Kansas through selfless service"



Conditionally Allowed Activity - Examples

- Hospital Drills
- EOC Leadership exercises
- National Incident Management System (NIMS) courses
- Software to manage Title III materials
- Fixed-facility hazmat preparedness - according to 49 CFR 110.40, transportation should be the emphasis of the planning activity.
- Local Emergency Planning Committee (LEPC) Meetings Expenses



"Building sustainable capabilities across all phases of Emergency Management in Kansas through selfless service"

Ineligible Activities

- All-Hazards Warning System Drills
- Joint Terrorism Task Force, Pandemic Flu, Avalanche, Earthquake, Wildfire, etc. exercises
- Tier II Chemical Inventory Reports
- Tier II Databases
- WebEOC (EOC-Emergency Operations Center) mapping
- Development and distribution of a Hazmat Calendar
- Expenses counted as match funds toward another Federal grant program or cooperative agreement
- Entertainment costs, Purchase of cell telephone(s)
- Foreign travel

Costs stated as ineligible in 49 CFR Part 110 Final Rule



"Building sustainable capabilities across all phases of Emergency Management in Kansas through selfless service"

KS HMEP Program - Goals and Objectives

Goals:

- Ensure effective use of funds for statewide hazmat training and planning activities in accordance with PHMSA's Mission and HMEP Grant Program intent

Objectives:

- Evaluate statewide hazmat training and planning needs and allocate HMEP funds based on identified priorities
- Ensure cost effectiveness of HMEP projects
- Provide hazmat training through KF&RTI and OSFM in addition to sub-grant awards

Direct planning projects to meet State's HMEP program goals



"Building sustainable capabilities across all phases of Emergency Management in Kansas through selfless service"

KS Hazmat Planning/Training Priorities

- Conduct Regional Commodity Flow Studies/Hazards Analysis
 - Response Capabilities Assessment
 - Develop or revise Hazmat Plan
 - Hazmat drills and exercises to test emergency response capabilities/ emergency response plan
 - Provide funds for attending hazmat conferences and symposiums
-
- Offer NFPA 472 Core Competency training courses
 - Offer NFPA 472 Mission Specific training courses
 - Chemical Specific response Training
 - Other training courses authorized by PHMSA Hazmat drills and exercises to identify gaps in training



"Building sustainable capabilities across all phases of Emergency Management in Kansas through selfless service"

Grant Application Process

- HMEP applications are sought in Nov; deadline mid-Feb
 - Grant Review Committee Reviews and approves applications and forwards to CEPR
 - Applications approved by CEPR are submitted to PHMSA
 - Award notification August –September
 - Grant notifications and contracts mailed to LEPCs in October
 - Three year grant performance period began in 2016
 - In 2018, subgrantees can submit projects of performance period one year or two year
 - Funding for two year projects is subject to the availability of funds from USDOT
- LEPCs submit quarterly reports and close grant by set deadlines



"Building sustainable capabilities across all phases of Emergency Management in Kansas through selfless service"

Grant Execution and Reporting

- Review the Grant Contract carefully
- Start project as soon as grant is awarded
- Adhere to the original proposal, or
- Obtain prior approval for any change in scope of work
- Understand the need of 20% match requirement
- Include 20% match info with all Reimbursement Requests
- Submit Quarterly Reports within 15 days of the end of a quarter
- Submit Final Report and Checklist by the specified deadline
- Maintain paperwork for 3 years after the grant period ends



"Building sustainable capabilities across all phases of Emergency Management in Kansas through selfless service"

Questions

??



"Building sustainable capabilities across all phases of Emergency Management in Kansas through selfless service"

